

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1 to 9 (Cancelled).

Claim 10 (Previously Presented): A method for the production of a press-hardened component from a semifinished product made of unhardened, hot-workable steel sheet and precoated with a first coating, comprising the following method steps:

forming a component blank from the semifinished product by cold-forming;
trimming the component blank at a margin to a marginal contour approximately corresponding to the component to be produced;
heating and press-hardening the trimmed component blank in a hot-forming tool; and
covering the press-hardened component blank with a second, anticorrosion coating.

Claim 11 (Previously Presented): The method as recited in claim 10 wherein the press-hardened component is a vehicle body component.

Claim 12 (Previously Presented): The method as recited in claim 10 wherein the cold forming includes drawing.

Claim 13 (Previously Presented): The method as recited in claim 10 wherein the second coating is applied to the press-hardened component blank by a hot galvanizing process.

Claim 14 (Previously Presented): The method as recited in claim 10 wherein the second coating is applied to the press-hardened component blank by a thermal diffusion process.

Claim 15 (Previously Presented): The method as recited in claim 10 wherein the second coating is deposited on both the first coating and uncoated regions of the component blank uncoated by the first coating.

Claim 16 (Previously Presented): The method as recited in claim 10 further comprising freeing the coated component blank coated by the second coating of residues of the covering step after the covering step.

Claim 17 (Previously Presented): The method as recited in claim 10 further comprising tempering the coated component blank after the covering step.

Claim 18 (Previously Presented): A method for the production of a press-hardened component from a semifinished product made of unhardened, hot-workable steel sheet and precoated with a first coating, comprising the following method steps:

heating and press-hardening the semifinished product in a hot-forming tool so as to define a component blank;

trimming the component blank at a margin to a marginal contour corresponding to the component to be produced;

covering the press-hardened component blank with a second, anticorrosion coating.

Claim 19 (Previously Presented): The method as recited in claim 18 wherein the press-hardened component is a vehicle body component.

Claim 20 (Previously Presented): The method as recited in claim 18 wherein the second coating is applied to the press-hardened component blank by a hot galvanizing process.

Claim 21 (Previously Presented): The method as recited in claim 18 wherein the second coating is applied to the press-hardened component blank by a thermal diffusion process.

Claim 22 (Previously Presented): The method as recited in claim 18 wherein the second coating is deposited on both the first coating and uncoated regions of the component blank uncoated by the first coating.

Claim 23 (Previously Presented): The method as recited in claim 18 further comprising freeing the coated component blank coated by the second coating of residues of the covering step after the covering step.

Claim 24 (Previously Presented): The method as recited in claim 18 further comprising tempering the coated component blank after the covering step.

Claim 25 (Currently Amended): ~~The A~~ press-hardened component produced according to the method as recited in claim 10 comprising the press-hardened component blank and the second, anticorrosion coating, the press-hardened component being produced by:-

providing a semifinished product made of unhardened, hot-workable steel sheet and precoated with a first coating;

forming a component blank from the semifinished product by cold-forming;

trimming the component blank at a margin to a marginal contour approximately corresponding to the component to be produced;

heating and press-hardening the trimmed component blank in a hot-forming tool; and

covering the first coating of the press-hardened component blank directly with a second, anticorrosion coating so as to obtain the press-hardened component.

Claim 26 (Previously Presented): The press-hardened component as recited in claim 25 wherein the first coating includes aluminum and the second, anticorrosion coating includes zinc.

Claim 27 (Currently Amended): ~~The A~~ press-hardened component produced according to the method as recited in claim 18 comprising the press-hardened component blank and the second, anticorrosion coating, the press-hardened component being produced by:-

providing a semifinished product made of unhardened, hot-workable steel sheet and precoated with a first coating;

heating and press-hardening the semifinished product in a hot-forming tool so as to define a component blank;

trimming the component blank at a margin to a marginal contour corresponding to the component to be produced; and

covering the first coating of the press-hardened component blank directly with a second, anticorrosion coating so as to obtain the press-hardened component.

Claim 28 (Previously Presented): The press-hardened component as recited in claim 27 wherein the first coating includes aluminum and the second, anticorrosion coating includes zinc.

Claim 29 (New): A method for the production of a press-hardened component from a semifinished product made of unhardened, hot-workable steel sheet and precoated with a first coating comprising at least one of aluminum, an aluminum alloy and an aluminum-silicon alloy, comprising the following method steps:

forming a component blank from the semifinished product by cold-forming;

trimming the component blank at a margin to a marginal contour approximately corresponding to the component to be produced;

heating and press-hardening the trimmed component blank in a hot-forming tool; and

covering the press-hardened component blank with a second, anticorrosion coating, wherein the covering is performed by at least one of a thermal diffusion with the second, anticorrosion coating comprising at least one of zinc and a zinc alloy, and a hot galvanizing with the second, anticorrosion coating comprising at least one of zinc, a zinc alloy and zinc chloride.

Claim 30 (New): A method for the production of a press-hardened component from a semifinished product made of unhardened, hot-workable steel sheet and precoated with a first coating comprising at least one of aluminum, an aluminum alloy and an aluminum-silicon alloy, comprising the following method steps:

heating and press-hardening the semifinished product in a hot-forming tool so as to define a component blank;

trimming the component blank at a margin to a marginal contour corresponding to the component to be produced;

covering the press-hardened component blank with a second, anticorrosion coating, wherein the covering is performed by at least one of a thermal diffusion with the second, anticorrosion coating comprising at least one of zinc and a zinc alloy, and a hot galvanizing with the second, anticorrosion coating comprising at least one of zinc, a zinc alloy and zinc chloride.